

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #222160-
EDS00-0545-00(031)

Jefferson County

GDOT District 2 - Tennille

SR 4/US 1 from Louisville Bypass @

CR 325 to CR 138/Mennonite Church Road

Widening & Improvements

OFFICE Design Policy & Support

DATE 4/12/2016

FROM  Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering

Joe Carpenter, Director of P3/Program Delivery

Genetha Rice-Singleton, Assistant Director of P3/Program Delivery

Albert Shelby, State Program Delivery Engineer

Darryl VanMeter, State Innovative Delivery Engineer

Bobby Hilliard, Program Control Administrator

Cindy VanDyke, State Transportation Planning Administrator

Eric Duff, State Environmental Administrator

Bill DuVall, State Bridge Engineer

Andrew Heath, State Traffic Engineer

Angela Robinson, Financial Management Administrator

Lisa Myers, State Project Review Engineer

Richard Cobb, Location Bureau Chief

Jimmy Smith, District Engineer

Todd Price for District Preconstruction Engineer

Gazell "Cissy" McNure, District Planning & Programming Engineer

Terrell McMillan, Area Engineer - D2, A3

Daniel Chastain, Project Manager

BOARD MEMBER - 10th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE P.I. 222160-
EDS-0545-00(031)
Jefferson

OFFICE Office of Program Delivery

DATE 3/18/2016

SR4/US1 From Louisville Bypass
@ CR325 to CR138/Mennonite Ch.

Albert Shelby

FROM Albert V. Shelby III, State Program Delivery Engineer

TO Brent Story State Design Policy Engineer
Attn: Dave Peters State Conceptual Design Group Manager

SUBJECT Request for Location and Design Approval

Description and Project Proposal: The approved concept for PI#222160 in Jefferson County is proposed to widen and reconstruct US 1/SR 4 from CR 325/Clarks Mill Road to CR138/Mennonite Church Road in Jefferson County. From the beginning terminus at CR325/Clarks Mill Road, just north of Louisville, improvements would proceed northward along US 1/SR 4 as symmetrical widening consisting of a 4 lane, 14-foot flush median with a 12 ft. urban typical section to 1.2 miles north of CR 325/Clarks Mill Bypass. The urban shoulder will have a 5 ft. sidewalk for the first 100 ft of the project. The alignment would then taper out to a 4 lane rural typical section with a 44-foot grassed median, with new location construction to the east side for approximately 0.5 miles to avoid an eligible historic resource on the west side, then shift to west side widening approximately 800 feet north of CR 142/Bridges Road to avoid impacting a cemetery and church located on the east side of the alignment. West side widening would continue for approximately 2200 feet, then shift to east side widening just south of SR 296/Harvey Street to avoid impacts to a Memorial Gardens and cemetery on the west side of the alignment. East side widening would continue to just south of CR 136/Mae Lamb Farm Road, where the alignment would shift to west side widening to avoid impacting a 3rd eligible historic resource, and continue to just north of CR 397/Butts Road. The alignment would then shift back to east side widening for the remainder of the project, ending at CR 138/Mennonite Church Road. Existing right-of-way along US 1/SR 4 is 130 feet. The proposed right-of-way would vary from 130 feet to 250 feet for the length of the project. The speed design would vary from 45 mph to 65 mph, and access would be by permit. The project length would be approximately 5.8 miles.

Concept Approval Date: Approved 12/15/98; Revised 07/02/2002; Revised 05/23/2003; Revised 01/02/07

Concept Update: Near CR 142/ Brides Road the construction will be on new location to the east for approximately 0.5 miles instead of widening as described in the Revised Concept Report. The intersection of SR 296/ Harvey St will remain in the existing location with minor alignment improvements. The project length is 5.9 miles with the project beginning at M.P. 14.4 and ending at M.P. 20.3.

Environmental Document:

Document Type: Document Type GEPA Type B

Approval Date: Pending

Public Involvement: *Public Information Open House summary:*

A public information open house was held on 2/17/15. A total of 120 people attended the open house. Of the 51 respondents who formally commented, 15 were in support of the project, 3 were opposed, 1 was uncommitted, and 32 expressed conditional support.

Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

Concur: _____

GDOT Director of Engineering

Approve: _____

GDOT Chief Engineer

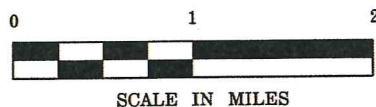
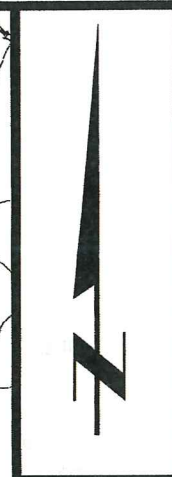
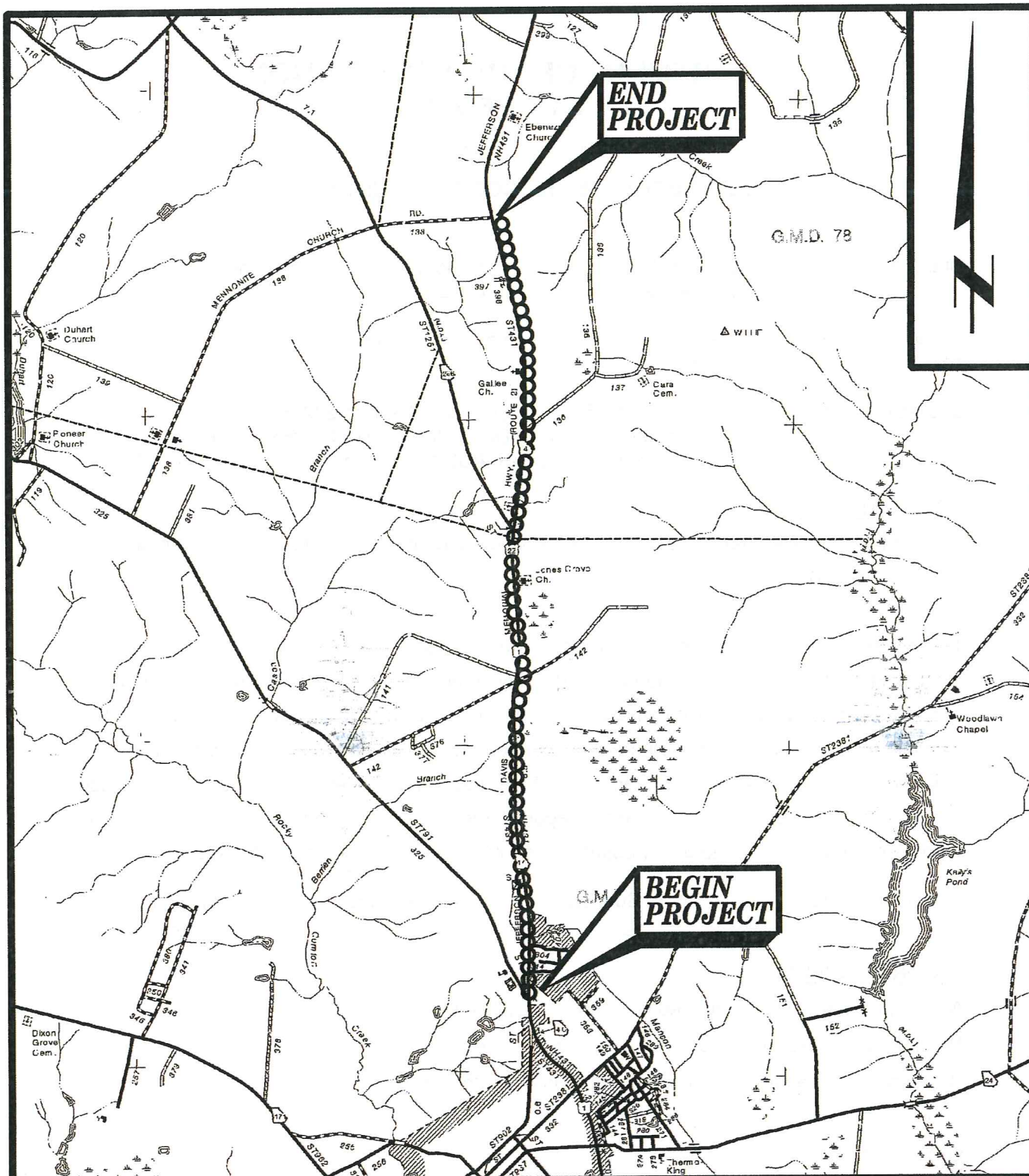
Date

DATE OF LOCATION AND DESIGN APPROVAL: _____

(To be entered by State Conceptual Design
Group Manager)

Attachments:

- Sketch Map
- Public Meeting Summary Letter
- Construction Cost Estimate
- Notice of Location and Design Approval



LOCATION

STRIP MAP

EDS-545(31)
US 1/4R 4 IMPROVEMENTS
JEFFERSON COUNTY
P.I.# 222160

SOURCE: GENERAL HIGHWAY MAP, JEFFERSON CO., GEORGIA
PREPARED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION, 1994

72001

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. Nos. 222120-, 222150-, 222160-,
222170-, and 232265- **OFFICE:** Environmental Services
DATE: 02/25/2015

FROM: Hiral Patel, P.E., State Environmental Administrator
TO: Distribution Below

SUBJECT: Project PI 222120-, 222150-, 222160-, 222170-, and 232265-, Jefferson County
Summary of Comments Received During the Public Comment Period –
Widening and Reconstruction of SR 4/US 1 from the Wadley Bypass to SR 88

COMMENT TOTALS:

A total of 120 people attended the public information open house held for the subject project on February 17, 2015.

There were 23 comment forms, 17 letters, 9 emails and 12 verbal statements received. No other comments were received during the ten-day comment period following the public hearing open house for a total of 61 comments. (Several individuals made multiple submissions. For example, one individual submitted a comment sheet at the meeting and comments to the court reporter, or they submitted a comment form at the meeting and a letter after the meeting. Each person's vote in support of the project, against the project, uncommitted, or conditional is represented only once in the below counts.) Comments are summarized as follows:

No. Opposed	No. In Support	Uncommitted	Conditional
<u>3</u>	<u>15</u>	<u>1</u>	<u>32</u>

MAJOR CONCERNS:

Additional coordination is needed with Canaan Galilee Baptist Church
Need direct access to farm and residential properties
Signalization is needed at Walnut Street/Middle Ground Road

OFFICIALS:

No. officials attended the meeting: Nine

MEDIA:

The News and Farmer and Wadley Herald / The Jefferson Reporter

Summary of Comments

PI 222120-, 222150-, 222160-, 222170-, and 232265-, Jefferson

Page 2

DISPOSITION OF COMMENTS:

Kimley-Horn and Associates, Inc. will respond to all comments on behalf of the Department of Transportation. The GDOT offices below are asked to review the responses attached by the consultant for the comments in their section. The project manager will review all responses.

Attached is a complete transcript of the comments received during the comment period and a copy of the public hearing open house handout for review. **Your input on the proposed responses is required by March 20, 2015.** Please direct your comments via email to Heather Dunn (heather.dunn@kimley-horn.com) and copy Zack Adriaenssens (ZAdriaenssens@dot.ga.gov), of this office.

If you have any questions about the comments, please either email or call Zack Adriaenssens at (404) 631-1650.

HP/hmd

Attachments

DISTRIBUTION:

Design
ROW
Planning
Traffic Operations
Environmental

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. **222160** OFFICE **Program Delivery**

PROJECT DESCRIPTION

SR 4/US 1 From Louisville BYP @ CR 325 To CR 138/Mennonite Ch.

DATE **November 13, 2015**

From: **Albert V. Shelby III, State Program Delivery Engineer**

To: **Lisa L. Myers, State Project Review Engineer**

Subject: **REVISIONS TO PROGRAMMED COSTS**

PROJECT MANAGER **Daniel Chastain**

MGMT LET DATE **7/15/2018**

MGMT ROW DATE **4/15/2016**

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$ **21,105,785.37**

DATE **11/12/2014**

RIGHT OF WAY \$

DATE

UTILITIES \$

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$ **16,453,116.77**

RIGHT OF WAY \$

UTILITIES \$

*Cost Contains **10** % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

The reason for the decrease in price is plans have been updated for PFPR. A 10% contingency has been added because the project is a widening project that is 6 miles long and some of the pay items are still lumped together.

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$	13,327,060.42	Base Estimate From CES	
B. ENGINEERING AND INSPECTION (E & I):	\$	666,353.02	Base Estimate (A) x	5 %
C. CONTINGENCY:	\$	1,399,341.34	Base Estimate (A) + E & I (B) x	10 %
			See % Table in "Risk Based Cost Estimation" Memo	
D. TOTAL LIQUID AC ADJUSTMENT:	\$	1,060,361.98	Total From Liquid AC Spreadsheet	
E. CONSTRUCTION TOTAL:	\$	16,453,116.77	(A + B + C + D = E)	

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
TOTAL	\$ -

ATTACHMENTS:

Detailed Cost Estimate Printout From TRAQS
Liquid AC Adjustment Spreadsheet

DETAILED COST ESTIMATE**Job: 222160**

JOB NUMBER 222160

FED/STATE PROJECT NUMBER EDS-0054500(31)

SPEC YEAR: 13

DESCRIPTION: WIDENING AND RECONSTRUCTION OF US 1/SR 4
CR 325 TO CR 138

ITEMS FOR JOB 222160**001 - ROADWAY ITEMS**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	310-1101	121099.000	TN	\$16.04836	GR AGGR BASE CRS, INCL MATL	\$1,943,440.35
0010	402-3113	23843.000	TN	\$76.67992	RECYL AC 12.5MM SP,GP1/2,BM&HL	\$1,828,279.33
0015	402-3121	36421.000	TN	\$64.10688	RECYL AC 25MM SP,GP1/2,BM&HL	\$2,334,836.68
0020	402-3190	21882.000	TN	\$66.13769	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$1,447,224.93
0025	441-0016	421.000	SY	\$37.59787	DRIVEWAY CONCRETE, 6 IN TK	\$15,828.70
0028	441-0104	16.000	SY	\$65.53669	CONC SIDEWALK, 4 IN	\$1,048.59
0034	441-4030	651.000	SY	\$44.09350	CONC VALLEY GUTTER, 8 IN	\$28,704.87
0039	441-6022	20232.000	LF	\$10.95050	CONC CURB & GUTTER, 6X30TP2	\$221,550.52
0044	641-1100	612.000	LF	\$37.55579	GUARDRAIL, TP T	\$22,984.14
0049	641-5001	2.000	EA	\$814.26607	GUARDRAIL ANCHORAGE, TP 1	\$1,628.53
0054	641-5012	2.000	EA	\$1,996.54831	GUARDRAIL ANCHORAGE, TP 12	\$3,993.10
SUBTOTAL FOR ROADWAY ITEMS:						\$7,849,519.74

002 - DRAINAGE ITEMS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0059	500-3101	197.750	CY	\$503.11002	CLASS A CONCRETE	\$99,490.01
0064	511-1000	21773.000	LB	\$1.00451	BAR REINF STEEL	\$21,871.20
0069	550-1180	18024.000	LF	\$29.57654	STM DR PIPE 18,H 1-10	\$533,087.56
0074	550-1240	1529.000	LF	\$41.74345	STM DR PIPE 24,H 1-10	\$63,825.74
0109	550-4218	66.000	EA	\$565.15534	FLARED END SECT 18 IN, ST DR	\$37,300.25
0114	550-4224	8.000	EA	\$698.09370	FLARED END SECT 24 IN, ST DR	\$5,584.75
0129	611-3030	1.000	EA	\$1,442.97533	REC STORM SEW MANHOLE, TYPE 1	\$1,442.98
0144	668-2100	57.000	EA	\$1,789.12894	DROP INLET, GP 1	\$101,980.35
SUBTOTAL FOR DRAINAGE ITEMS:						\$864,582.84

003 - SIGNING AND MARKING ITEMS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0149	150-1000	1.000	LS	\$1,500,000.00000	TRAFFIC CONTROL - LUMP SUM	\$1,500,000.00
0154	653-1501	68535.000	LF	\$0.28303	THERMO SOLID TRAF ST 5 IN, WHI	\$19,397.46
0159	653-1502	62536.000	LF	\$0.33473	THERMO SOLID TRAF ST, 5 IN YEL	\$20,932.68
0164	653-1704	171.000	LF	\$6.37250	THERM SOLID TRAF STRIPE,24,WH	\$1,089.70
0169	653-1804	991.000	LF	\$2.16640	THERM SOLID TRAF STRIPE, 8,WH	\$2,146.90
0174	653-3501	63489.000	GLF	\$0.18023	THERMO SKIP TRAF ST, 5 IN, WHI	\$11,442.62
0179	653-3502	19164.000	GLF	\$0.22318	THERMO SKIP TRAF ST, 5 IN, YEL	\$4,277.02
0184	653-6004	10889.000	SY	\$2.67837	THERM TRAF STRIPING, WHITE	\$29,164.77
0199	657-5017	110.000	EA	\$596.41494	PRF PL PVT MKG,ARW TP2,WH,TPPB	\$65,605.64
0204	657-5020	24.000	EA	\$550.00000	PRF PL PVT MKG,ARW TP7,WH,TPPB	\$13,200.00
SUBTOTAL FOR SIGNING AND MARKING ITEMS:						\$1,667,256.79

DETAILED COST ESTIMATE

Job: **222160****004 - EROSION CONTROL**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0209	163-0001	1.000	LS	\$400,000.00000	EROSION CONTROL, NON-REFUNDABLE DEDUCT	\$400,000.00
0219	201-1500	1.000	LS	\$400,000.00000	CLEARING & GRUBBING - LUMP SUM	\$400,000.00
0214	210-0100	1.000	LS	\$1,750,000.00000	GRADING COMPLETE - LUMP SUM	\$1,750,000.00
0224	700-6910	1.000	AC	\$50,000.00000	PERMANENT GRASSING	\$50,000.00
SUBTOTAL FOR EROSION CONTROL:						\$2,600,000.00

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0029	441-0108	114.000	SY	\$49.10956	CONC SIDEWALK, 8 IN	\$5,598.49
0033	441-4020	1012.000	SY	\$35.88065	CONC VALLEY GUTTER, 6 IN	\$36,311.22
0093	550-1300	132.000	LF	\$61.11772	STM DR PIPE 30,H 1-10	\$8,067.54
0094	550-1360	261.000	LF	\$65.37546	STM DR PIPE 36,H 1-10	\$17,063.00
0098	550-1420	153.000	LF	\$82.23717	STM DR PIPE 42,H 1-10	\$12,582.29
0099	550-3318	2.000	EA	\$622.01804	SAFETY END SECTION 18,STD,4:1	\$1,244.04
0103	550-3324	3.000	EA	\$899.54853	SAFETY END SECTION 24,STD,4:1	\$2,698.65
0104	550-3330	2.000	EA	\$1,060.00000	SAFETY END SECTION 30,STD,4:1	\$2,120.00
0119	550-4236	2.000	EA	\$1,107.72890	FLARED END SECT 36 IN, ST DR	\$2,215.46
0124	550-4242	2.000	EA	\$1,433.74125	FLARED END SECT 42 IN, ST DR	\$2,867.48
0189	654-1001	285.000	EA	\$3.53182	RAISED PVMT MARKERS TP 1	\$1,006.57
0194	654-1003	923.000	EA	\$2.99122	RAISED PVMT MARKERS TP 3	\$2,760.90
0134	668-1100	113.000	EA	\$2,177.22934	CATCH BASIN, GP 1	\$246,026.92
0139	668-1110	29.000	LF	\$177.18925	CATCH BASIN, GP 1, ADDL DEPTH	\$5,138.49
SUBTOTAL FOR :						\$345,701.05

TOTALS FOR JOB 222160

ITEMS COST:	\$13,327,060.42
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$13,327,060.42
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$13,327,060.42

NOTICE OF LOCATION AND DESIGN APPROVAL

EDS00-0545-00(031) JEFFERSON COUNTY

P. I. NO. 222160-

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: April 12, 2016

The project is located in GMD 78 of Jefferson County.

The approved concept for PI# 222160- in Jefferson County is proposed to widen and reconstruct US 1/SR 4 from CR 325/Clarks Mill Road to CR138/Mennonite Church Road in Jefferson County. From the beginning terminus at CR325/Clarks Mill Road, just north of Louisville, improvements would proceed northward along US 1/SR 4 as symmetrical widening consisting of a 4 lane, 14-foot flush median with a 12 ft. urban typical section to 1.2 miles north of CR 325/Clarks Mill Bypass. The urban shoulder will have a 5 ft. sidewalk for the first 100 ft of the project. The alignment would then taper out to a 4 lane rural typical section with a 44-foot grassed median, with new location construction to the east side for approximately 0.5 miles to avoid an eligible historic resource on the west side, then shift to west side widening approximately 800 feet north of CR 142/Bridges Road to avoid impacting a cemetery and church located on the east side of the alignment. West side widening would continue for approximately 2200 feet, then shift to east side widening just south of SR 296/Harvey Street to avoid impacts to a Memorial Gardens and cemetery on the west side of the alignment. East side widening would continue to just south of CR 136/Mae Lamb Farm Road, where the alignment would shift to west side widening to avoid impacting a 3rd eligible historic resource, and continue to just north of CR 397/Butts Road. The alignment would then shift back to east side widening for the remainder of the project, ending at CR 138/Mennonite Church Road. Existing right-of-way along US 1/SR 4 is 130 feet. The proposed right-of-way would vary from 130 feet to 250 feet for the length of the project. The speed design would vary from 45 mph to 65 mph, and access would be by permit. The project length would be approximately 5.9 miles.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

*Terrell McMillan, Area Engineer
tmcmillan@dot.ga.gov
2971 US Hwy 1 North
Louisville, Ga 30434
478-625-3681*

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

*Albert V. Shelby III
Office of Program Delivery
Attn: Daniel Chastain
dchastain@dot.ga.gov
600 West Peachtree St. N.W. 25th Floor
706-604-6594*

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.